

## POLYNUCLEOTIDES ENCODING CYTOKINE RECEPTOR ZALPHA11

## ABSTRACT OF THE DISCLOSURE

Novel polypeptides, polynucleotides encoding the polypeptides, and related compositions and methods are disclosed for zalpha11, a novel cytokine receptor. The polypeptides may be used within methods for detecting ligands that stimulate the proliferation and/or development of hematopoietic, lymphoid and myeloid cells *in vitro* and *in vivo*. Ligand-binding receptor polypeptides can also be used to block ligand activity *in vitro* and *in vivo*. The polynucleotides encoding zalpha11, are located on chromosome 16, and can be used to identify a region of the genome associated with human disease states. The present invention also includes methods for producing the protein, uses therefor and antibodies thereto.